

Title (en)

HIGH SHEAR APPLICATION IN MEDICAL THERAPY

Title (de)

ANWENDUNG MIT HOHER SCHERUNG FÜR EINE MEDIZINISCHE THERAPIE

Title (fr)

APPLICATION À CISAILLEMENT ÉLEVÉ UTILISÉE DANS UNE THÉRAPIE MÉDICALE

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Application

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Abstract (en)

[origin: US2011268659A1] In this disclosure, methods and systems for drug delivery utilizing high shear are disclosed. In an embodiment, a method comprises (1) subjecting a therapeutic fluid containing a drug to high shear; and (2) obtaining a processed therapeutic fluid, wherein the processed therapeutic fluid contains the drug in nano-size. In an embodiment, a method comprises (1) subjecting a drug carrier and a therapeutic fluid containing a drug to high shear; and (2) obtaining a processed therapeutic fluid, wherein the processed therapeutic fluid contains the drug carrier loaded with the drug. In an embodiment, a method comprises (1) applying high shear to a drug carrier and a therapeutic fluid containing a drug; (2) obtaining a processed therapeutic fluid, wherein the processed therapeutic fluid contains the drug-loaded carrier; and (3) modifying the drug-loaded carrier with a targeting moiety to obtain a modified drug-loaded carrier.

IPC 8 full level

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Citation (search report)

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